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Molecular markers.

The invention relates to polynucleotide sequences and proteins that are differentially expressed during malignant tumour progression and metastasis in colorectal cancer and which may serve as general molecular markers in primary and metastatic neoplastic disease especially colorectal cancer and which may additionally provide a basis for therapy.

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(21) International Application Number: PCT/GB96/02177 (22) International Filing Date: 5 September 1996 (05.09.96) (30) Priority Data: 9518156.6 6 September 1995 (06.09.95) GB (71) Applicant (for all designated States except US): MEDICAL RESEARCH COUNCIL [GB/GB]; 20 Park Crescent, London W1N 4AL (GB). (71)(72) Applicant and Inventor: O'NEILL, Ian, Kenneth [GB/GB]; 17 High Street, Grantchester, Cambridgeshire CB3 9NF (GB). (72) Inventor; and (75) Inventor/Applicant (for US only): LOKTIONOV, Alexandre [RU/GB]; 94 Canterbury Street, Cambridge CB4 3QE (GB). (74) Agent: HOWARD, Paul, Nicholas; Carpmaels & Ransford, 43 Bloomsbury Square, London WC1A 2RA (GB).	(81) Designated States: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> (88) Date of publication of the international search report: 26 June 1997 (26.06.97)	
(54) Title: METHOD OF ISOLATING CELLS (57) Abstract The invention provides a method of isolating cells from a faecal stool, the method comprising the steps of a) cooling the stool to a temperature below its gel freezing point, and b) removing cells from the stool whilst maintaining the stool at a temperature below its gel freezing point such that the stool remains substantially intact. The invention further provides methods of purifying cells comprising use of immunomagnetic beads and/or boric acid. Cells isolated according to the invention may be used in diagnostic tests and assay procedures for monitoring a biological or biochemical property of tissue.		

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